

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L25	17	23 and (actuator\$1).clm.	US-PGPUB	OR	ON	2006/01/16 08:35
L24	24	23 and (piezo\$6).clm.	US-PGPUB	OR	ON	2006/01/16 08:35
L23	481	1 or 4	US-PGPUB	OR	ON	2006/01/16 08:34
L17	3138	1 or 4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/01/16 08:34
L22	85	((determin\$4 adj5 distance) same lens same actuator)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/01/16 07:52
L21	4	((determin\$4 adj5 distance) same lens same piezo)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/01/16 07:52
L18	2	17 and ((determin\$4 adj5 distance) same lens same piezo)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/01/16 07:52
L20	4	19 and piezo	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/01/16 07:41
L19	85	235/462.23.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/01/16 07:41
L16	18	14 same (rim edge collar wheel shaft)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/01/16 07:21
L15	5	14 same flange	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/01/16 07:15
L14	457	lens same piezo same image	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/01/16 07:08
L13	17	12 same actuator	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/01/16 07:07
L12	158	11 same (piezo\$6)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/01/16 06:36
L11	96987	(scan\$4 imag\$4) adj (device apparatus)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/01/16 06:36
L10	270	235/462.10,462.11,462.23,462.24.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/01/16 06:36
L9	148	235/462.23,462.24,.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/01/16 06:20

L8	711	235/462.23,462.24,462.45.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/01/16 06:20
L6	914	235/462.10,462.11,462.23,462.24,462.45,462.41.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/01/16 06:20
L7	820	235/462.23,462.24,462.45,462.41.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/01/16 06:19
L4	1225	235/462.10,462.11,462.23,462.24,462.45,462.41,436,459.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/01/16 06:19
L5	51	4 and piezo\$6	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/01/16 06:15
L3	41	piezo same actuator same flange	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/01/16 06:15
L2	54	L1 and piezo	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/01/16 04:12
S3	1976	235/454.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/01/16 04:02
L1	2073	235/454.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/01/16 04:02
S62	1	("5798516").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/30 13:59
S61	1	("6412698").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/14 12:07
S60	53	se900 se1200	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/14 12:07
S59	52	S58 near20 (lens optic)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/13 17:40
S58	8366	liv\$4 adj hinge\$1	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/13 16:10
S57	25	S56 near20 (lens optic)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/13 16:10
S56	2955	cylindrical adj bushing	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/13 16:08

S55	79	235/462.23.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/13 16:08
S54	9	(optics lens) same mov\$4 same path same scanner same barcode	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/13 16:01
S52	1	("6722569").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/13 15:58
S53	63	("3582203"   "4082426"   "4202597"   "4588882"   "4634850"   "4869532"   "4924078"   "4958064"   "4983817"   "5019699"   "5059126"   "5073954"   "5093147"   "5123352"   "5276472"   "5278609"   "5286286"   "5313235"   "5314336"   "5325217"   "5369261"   "5378883"   "5396054"   "5477042"   "5478997"   "5513017"   "5516590"   "5525798"   "5525810"   "5534684"   "5541633"   "5547501"   "5550365"   "5569317"   "5583331"   "5591956"   "5612524"   "5616909"   "5640001"   "5656803"   "5684069"   "5693693"   "5710417"   "5719385"   "5736725"   "5755860"   "5756981"   "5766324"   "5793033"   "5798515"   "5798516"   "5818028"   "5821518"   "5822436"   "5834749"   "5854478"   "5861618"   "5930531"   "5979760"   "5988506"   "6003773"   "6019286"   "6034379").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/13 15:31
S51	84	S50 and 235/454.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/13 15:06
S50	1098	optic\$1 same assembly same (reader scanner)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 15:06
S49	56	optic\$1 same assembly same (reader scanner) same guid\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 15:06

S35	32	S34 and 235/454.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/13 15:06
S47	39	lens adj guidance	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 15:02
S48	5	S47 same (reader scanner)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 14:56
S46	3	S44 same reader	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 14:56
S45	4	S44 same scanner	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 14:46
S44	83	S43 same focus\$4 same (auto automatically)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 14:45
S43	196633	guid\$4 same assembly	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 14:43
S42	25	S39 same lens same assembly	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 14:43
S41	8	S39 same bush\$4 same cylindr\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 14:42
S40	0	S39 same bush\$4 same cylinder\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 14:41
S39	9114	liv\$4 adj hinges	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 14:40
S38	12	"687280"	US-PGPUB; USPAT	OR	ON	2005/05/13 14:40
S37	7	"687280"	USPAT	OR	ON	2005/05/13 14:38
S36	5	("5798516").URPN.	USPAT	OR	ON	2005/05/13 14:37

S34	5075	lens same guid\$4 same scan\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/13 14:34
S33	5	("5798516").URPN.	USPAT	OR	ON	2005/05/11 15:58
S32	6	("4427286"   "5063460"   "5450291"   "5747796"   "5798516"   "5914477").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/11 15:56
S31	7	"093167"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/11 15:52
S30	2	((("6628445") or ("6098877")).PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/11 15:52
S2	12	"687280"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/11 15:45
S29	6	actuator same assembly same lens same focus\$4 same distance same reader	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/11 15:29
S28	1	("6119939").URPN.	USPAT	OR	ON	2005/05/11 15:29
S27	4	piezo adj actuator adj assembly	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/11 15:26
S23	47	piezo adj5 actuator adj5 assembly	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/11 15:26
S26	39	("4315245"   "4408120"   "4516017"   "4538072"   "4591706"   "4804949"   "4816659"   "4866258"   "4900907"   "5280161"   "5283699"   "5291009"   "5291028"   "5349172"   "5354977"   "5359185"   "5463213"   "5468950"   "5477044"   "5484994"   "5486688"   "5504317"   "5504367"   "5532467"   "5574272"   "5591955"   "5598007"   "5600116"   "5600121"   "5602379"   "5684290"   "5689104"   "5697699"   "5703348"   "5744791"   "5747787"   "5750977"   "5756981"   "5786582").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/11 15:19
S25	1	("6119939").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/11 15:19



S24	0	US2003034394	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/11 15:19
S8	3428	piezo near10 actuator	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/11 15:08
S22	25	S21 same (lens adj assembly)	USPAT	OR	ON	2005/05/11 09:56
S21	10978	((bar adj code) barcode optical) adj reader	USPAT	OR	ON	2005/05/11 09:55
S19	56	lens adj5 guid\$6 adj6 assembly	USPAT	OR	ON	2005/05/11 09:54
S20	2	movable near20 S19	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/11 09:52
S16	4756	movable near5 lens near20 focus\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/11 09:52
S18	17	("5900611").URPN.	USPAT	OR	ON	2005/05/11 09:51
S17	48	S16 and S3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/11 09:44
S15	61	S14 and S3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/11 09:44
S14	16154	movable near5 lens	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/11 09:44
S13	23	("5576529").URPN.	USPAT	OR	ON	2005/05/11 09:23
S12	4	S11 and piezo	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/11 09:20
S11	79	235/462.23.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/11 09:20
S10	9	("5125750"   "5644413"   "5784168"   "5789743"   "6191811"   "6192022"   "6229600"   "6256287"   "6285641").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/11 09:19
S9	4	S3 and S8	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/11 09:16
S7	3	S3 and (lens near20 assembly near20 focus\$4 near20 automatically)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/11 09:15
S6	104	S3 and (lens near20 assembly near20 focus\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/11 09:14

S4	183	S3 and (lens near20 assembly)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/11 09:14
S5	169	S4 and focus\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/11 09:13
S1	10	((("4,251,798") or ("5,561,283") or ("5,576,529") or ("5,635,697") or ("5,798,515") or ("5,221,522") or ("5,837,927") or ("6,325.229") or ("6,336,587") or ("6,340,114") or ("6,478,225"))).PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/11 09:10